



Ready For More. Every™ Ton.

QSK19 Engines For Mining Applications.



QSK19.

More Innovation.

Cummins is not satisfied with the status quo. Over the years, we've taken the proven QSK19 design and developed an innovative package of upgraded components with stronger capabilities and a more robust design to achieve more productivity and reliability – while simultaneously offering innovative technology solutions to meet the varying degrees of emissions compliance in every corner of the globe.

More Robust Features.

- The high-pressure Modular Common Rail Fuel System (MCRS) generates clean, quiet and efficient power
- A state-of-the-art combustion control system enables peak engine performance at all altitudes and under every load condition
- High-efficiency turbochargers offer increased performance
- Two-stage oil filters provide three times more contaminant removal capacity than single-stage systems
- The Prelub system pressurizes the entire lube system before cranking – reducing friction and extending life-to-overhaul
- Longer service intervals are achieved with optional Centriguard™ centrifuge filters and the CENTINEL™ continuous oil replacement system

More Durability.

No other engine in its class can match the QSK19 for its extended life-to-overhaul and low life-cycle cost. It also delivers exceptional performance in frigid climates, with cold starting down to 0°F (-18°C) without starting aids.

Cummins QSK19 engines are proven to consistently deliver upward of 90 percent availability in haul trucks, excavators, drills, wheel loaders and other mining equipment, based on customer data from around the world.



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Ratings

ENGINE MODEL*	ADVERTISED HP (KW) @ RPM	PEAK TORQUE LB-FT (N•M)RPM
QSK19 800	800 (597) @ 2100	2275 (3084) @ 1500
QSK19 800	800 (597) @ 1900	2350 (3186) @ 1700
QSK19 760	760 (567) @ 2100	2275 (3084) @ 1500
QSK19 755	755 (563) @ 1800	2275 (3084) @ 1400
QSK19 700	700 (522) @ 2000	2200 (2983) @ 1500
QSK19 700	700 (522) @ 1800	2200 (2983) @ 1400
QSK19 675	675 (503) @ 1800	2200 (2983) @ 1400
QSK19 604	604 (450) @ 1800	2227 (3019) @ 1300
QSK19 600	600 (447) @ 2000	1950 (2644) @ 1500
QSK19 560	560 (418) @ 2000	1775 (2407) @ 1500
QSK19 525	525 (391) @ 2000	1775 (2407) @ 1500
QSK19 506	506 (377) @ 1800	2032 (2755) @ 1300

*Cummins customers can use Tier 2 engines in North America through 2017 by utilizing U.S. EPA's Transitional Program for Equipment Manufacturers. All QSK19 ratings are available for use in nonregulated regions where engines are not subject to certification.

Specifications

Engine Type	Inline 6-Cylinder	
Aspiration	Turbocharged and Charge Air Cooled	
Displacement	1,159 CU IN	19 LITERS
Bore and Stroke	6.25 IN X 6.25 IN	159 MM X 159 MM
Oil System Capacity	80 U.S. QT	76 LITERS
Coolant Capacity	44 U.S. QT	41.6 LITERS
Length	61.2 IN	1,554 MM
Width	38.5 IN	978 MM
Height	78.7 IN	1,999 MM
Dry Weight	4,105 LB	1,862 KG
Wet Weight	4,534 LB	2,057 KG

More Confidence.

QSK19 engines are backed by the best warranty in the industry, with full coverage for unlimited hours the first year, extending through 2 years or 2,000 hours, whichever comes first. Major-components coverage continues through the third year or 10,000 hours. Extended protection plans are available.

More Support. Every Customer.

Cummins QSK19 engines are backed by the world's largest and most capable parts and service network, with over 600 authorized distributors around the globe. For more information, call 1-800-DIESELS™ (1-800-343-7357) or go to cumminsengines.com.